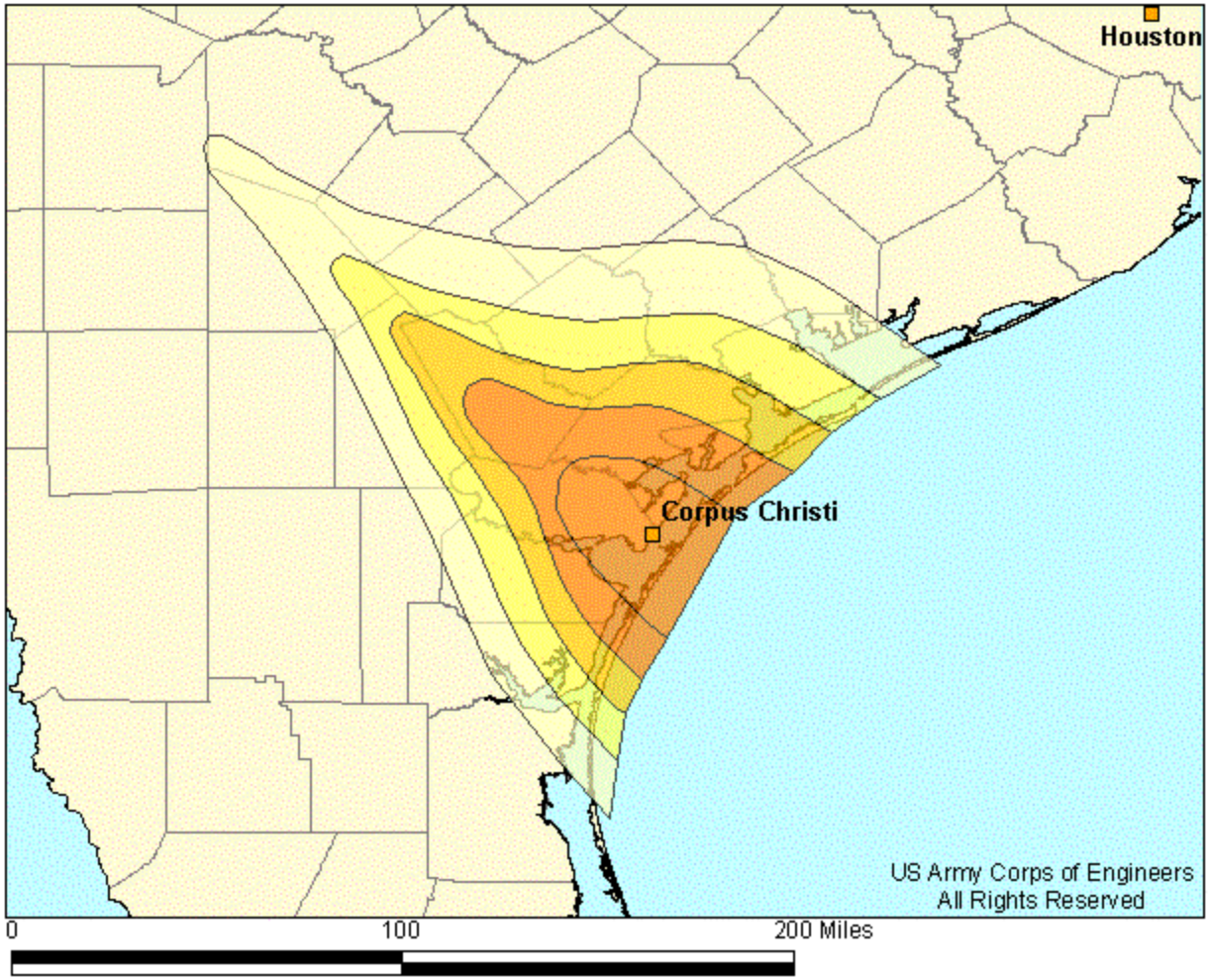
US Army Corps of Engineers

Hurricane NoName Projected Damage Areas

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

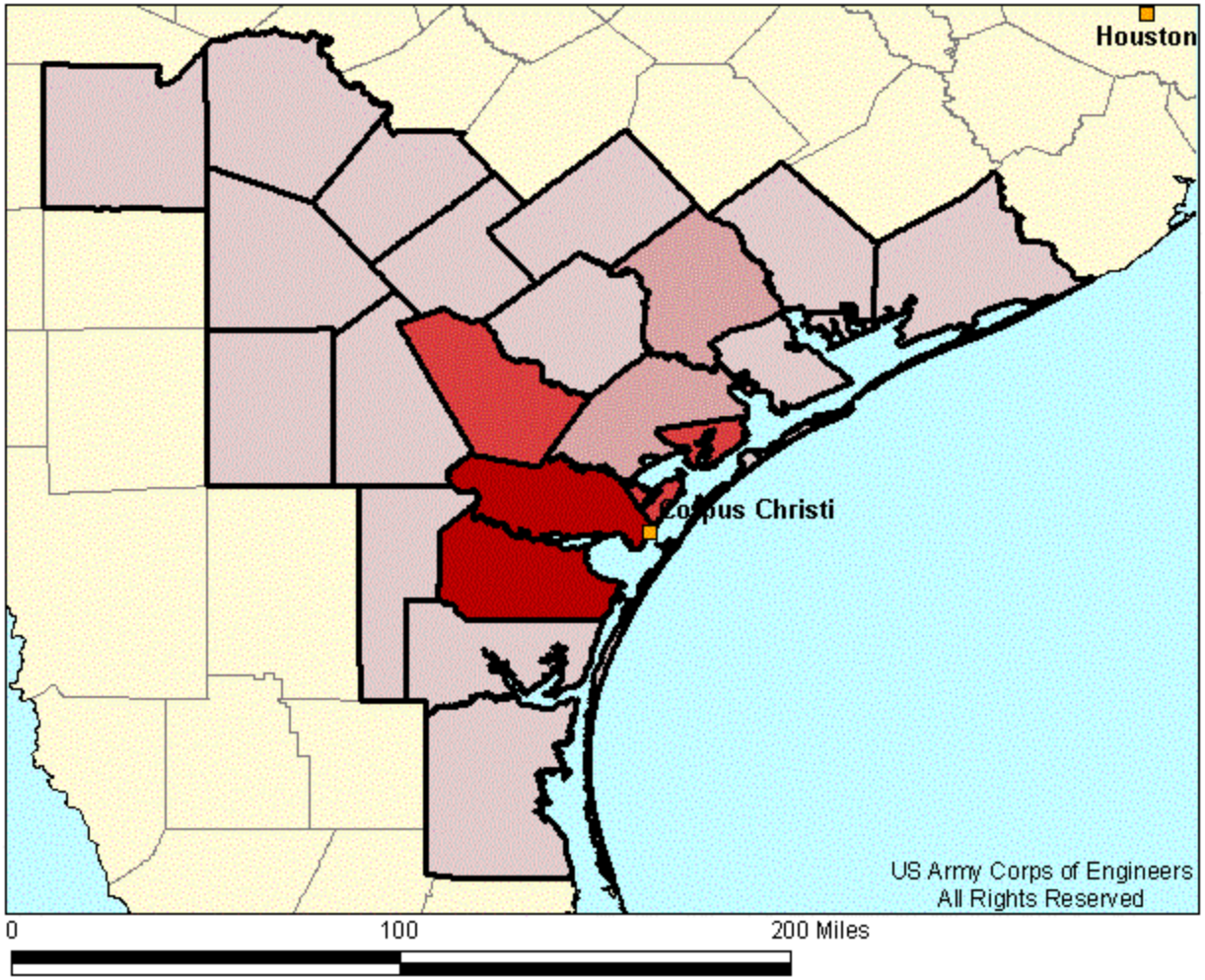
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 0930 EDT 06/15/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Texas - 8,436,000 Yards

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Debris Model	
Generated By: Siemsen, LRL 0930 EDT 06/15/2008	
Sources: HURREVAC LRL-DEBRIS	Page 2 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Texas		Aransas	629,000
		Atascosa	57,000
		Bee	611,000
		Bexar	24,000
		Calhoun	60,000
		DeWitt	6,000
		Goliad	38,000
		Jackson	9,000
		Jim Wells	7,000
		Karnes	28,000
		Kenedy	< 1,000
		Kleberg	17,000
		Live Oak	53,000
		Matagorda	< 1,000
		Mcmullen	< 1,000
		Medina	< 1,000
		Nueces	5,153,000
		Refugio	236,000
		San Patricio	1,384,000
		Victoria	117,000
		Wilson	7,000
Texas	8,436,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 0930 EDT 06/15/2008

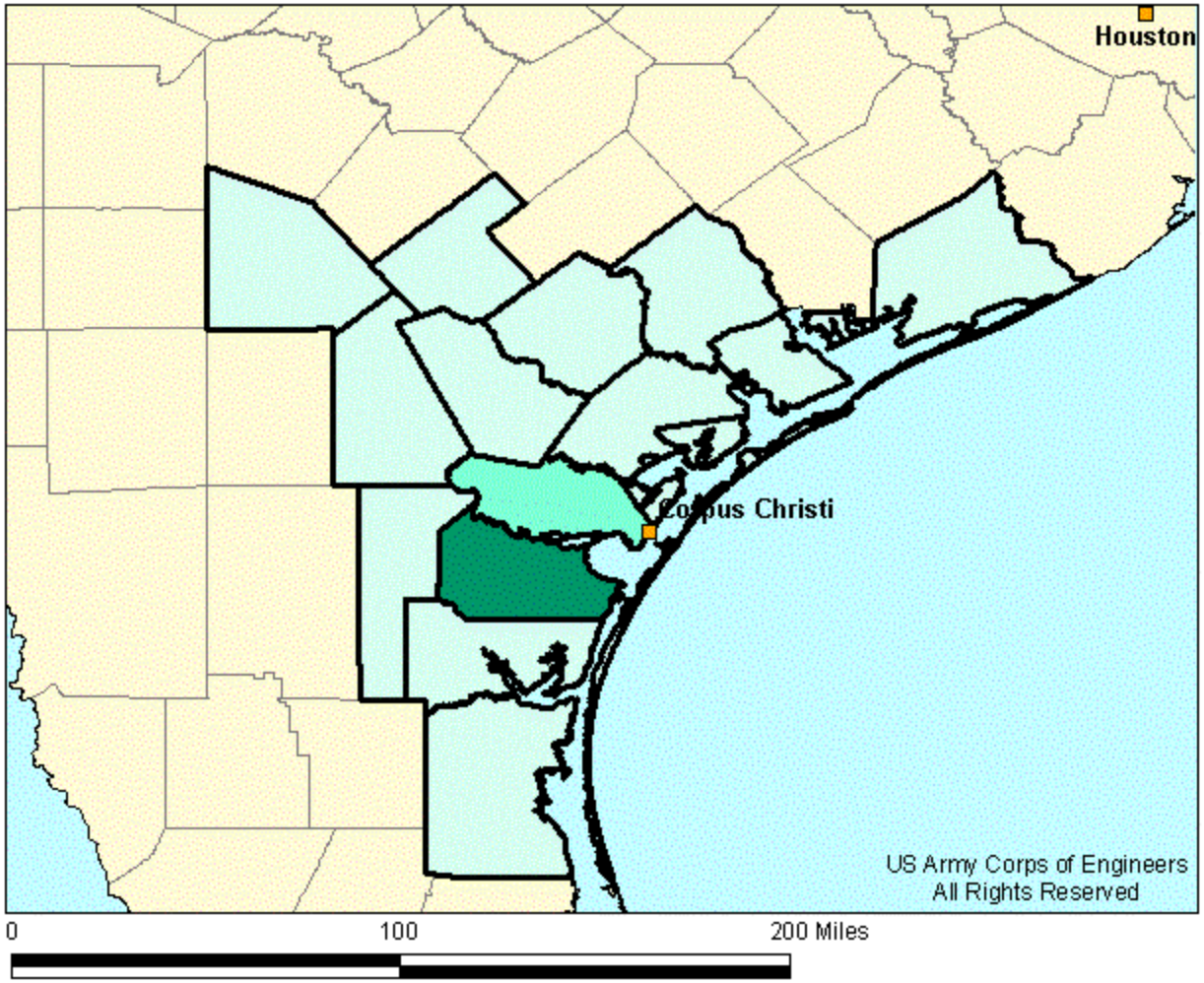
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About **24** Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
Texas – 10/21/42 Truckloads

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC ***(0900 EDT 06/15/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model	
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Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Texas		Aransas	2
		Atascosa	1
		Bee	3
		Calhoun	1
		Goliad	1
		Jim Wells	1
		Karnes	1
		Kenedy	1
		Kleberg	1
		Live Oak	1
		Matagorda	1
		Nueces	21
		Refugio	1
		San Patricio	5
		Victoria	1
Texas	42		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Commodities Model

Generated By:
Siemsen, LRL 0930 EDT 06/15/2008

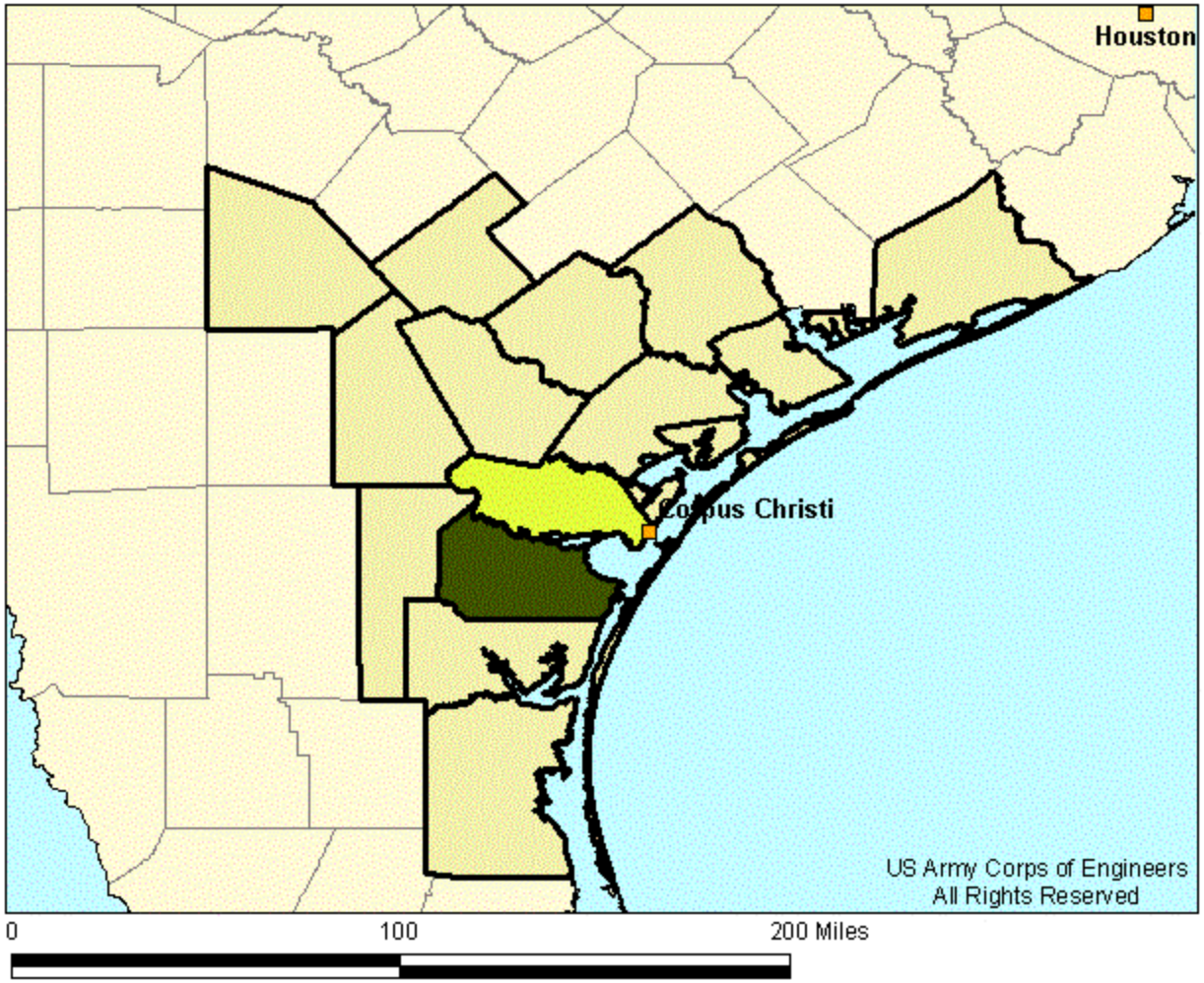
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

Texas - 14,700

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast. Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 6 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

For Planning Purposes Only!

Landfall Expected In About 24 Hours

State	House Units per State	County	House Units per County
Texas		Aransas	1,000
		Atascosa	< 100
		Bee	900
		Calhoun	200
		Goliad	< 100
		Jim Wells	< 100
		Karnes	< 100
		Kenedy	< 100
		Kleberg	< 100
		Live Oak	< 100
		Matagorda	< 100
		Nueces	10,200
		Refugio	300
		San Patricio	2,100
		Victoria	< 100
Texas	14,700		

Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

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Hurricane NoName Roofing Model

Generated By:
Siemsen, LRL 0930 EDT 06/15/2008

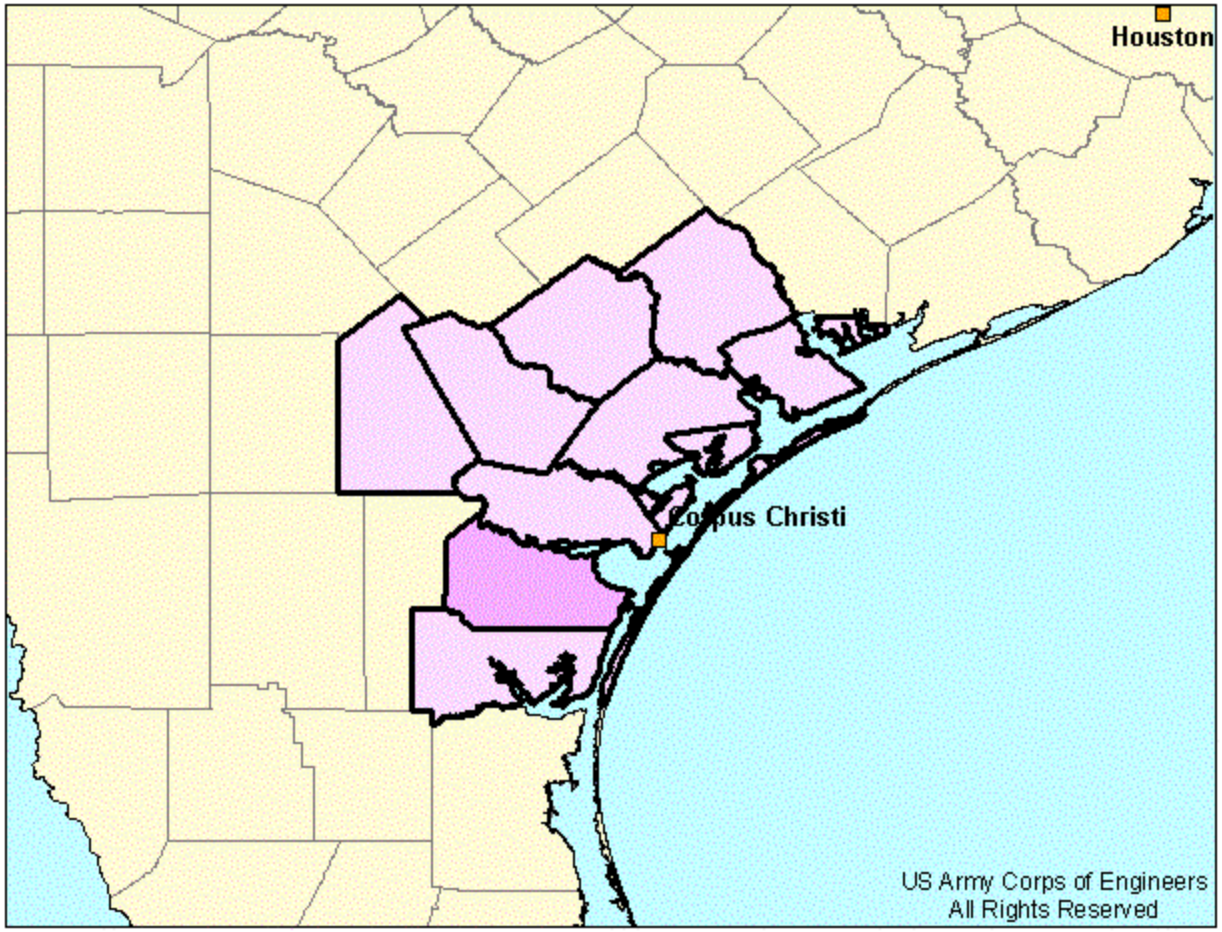
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About 24 Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Temporary Housing Model Results

Texas - 4,200

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast. Temporary housing is based on 1% in CAT 2 and 3% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Housing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

For Planning Purposes Only!

Landfall Expected In About 24 Hours

State	House Units per State	County	House Units per County
Texas		Aransas	300
		Bee	300
		Calhoun	< 100
		Goliad	< 100
		Kleberg	< 100
		Live Oak	< 100
		Nueces	3,000
		Refugio	< 100
		San Patricio	600
		Victoria	< 100
Texas	4,200		

Temporary housing is based on 1% in CAT 2 and 3% in CAT 3.

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Hurricane NoName Housing Model

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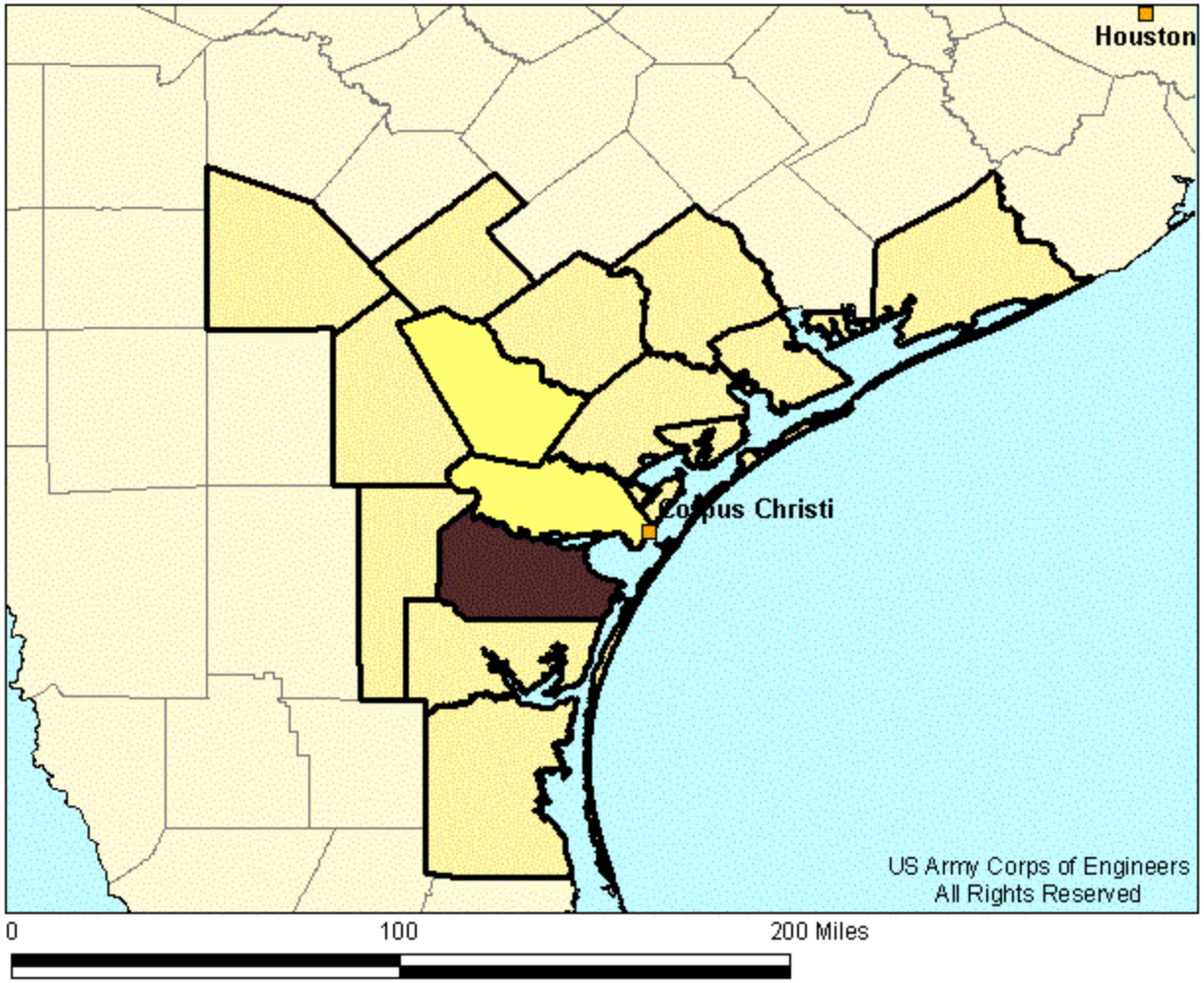
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

Texas - 479,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Texas		Aransas	25,000
		Atascosa	3,000
		Bee	33,000
		Calhoun	8,000
		Goliad	4,000
		Jim Wells	< 1,000
		Karnes	5,000
		Kenedy	< 1,000
		Kleberg	2,000
		Live Oak	5,000
		Matagorda	< 1,000
		Nueces	312,000
		Refugio	8,000
		San Patricio	69,000
		Victoria	5,000
Texas	479,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 0930 EDT 06/15/2008

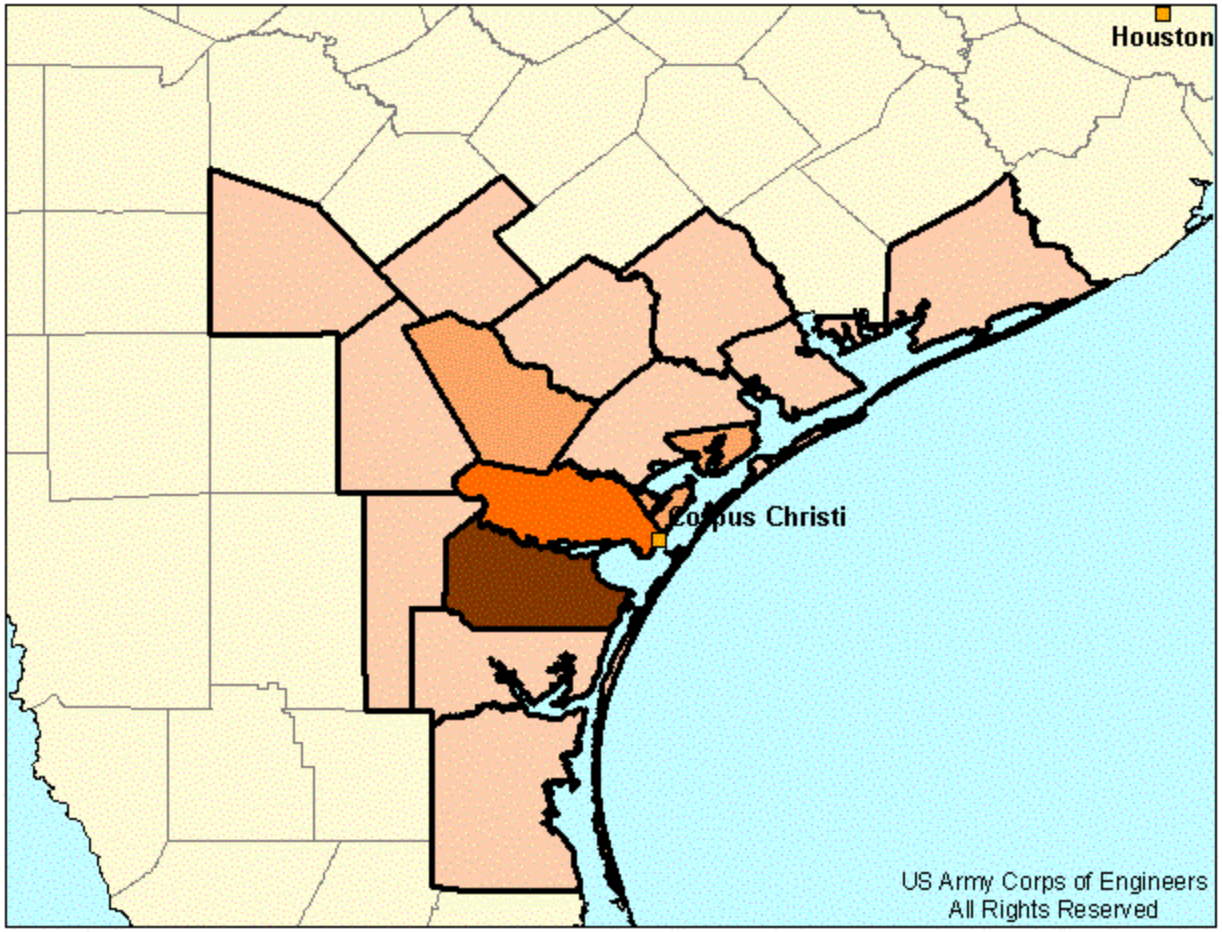
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Households Model Results

Texas - 169,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Corpus Chrsti, TX.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Corpus Chrsti, TX. These projections are based on information from the NHC (0900 EDT 06/15/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane NoName Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Texas		Aransas	11,000
		Atascosa	< 1,000
		Bee	10,000
		Calhoun	3,000
		Goliad	2,000
		Jim Wells	< 1,000
		Karnes	2,000
		Kenedy	< 1,000
		Kleberg	< 1,000
		Live Oak	2,000
		Matagorda	< 1,000
		Nueces	111,000
		Refugio	3,000
		San Patricio	23,000
		Victoria	2,000
Texas	169,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Households Model

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Sources:
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LRL-DEBRIS